

2011

Injury-related Hospital Discharges Massachusetts Children, Ages 0-14 Years

There were **2,347** injury-related hospital discharges among Massachusetts children ages 0-14 years old in FY2011, approximately **204** for every 100,000 children. Fall was the leading cause of injury-related hospitalization for this age group, followed by poisoning.

INJURY CAUSE	INJURY INTENT					Total Count	Percent of Total Count	Crude Rate per 100,000
	Unintentional	Intentional		Undetermined	Other & Legal			
		Self-inflicted	Assault					
Cut/pierce	45	8	<7	0	0	55	2.3	4.8
Drowning/submersion	16	0	0	0	0	16	0.7	1.4
Fall	804	0	0	<7	0	805	34.3	70.0
Fire/flare & hot substance burn	29	0	<7	<7		32	1.4	2.8
Firearms	0	0	<7	<7	0	<7	0.2	0.3
Machinery	<7					<7	0.2	0.3
Natural/environmental	143	0		0		143	6.1	12.4
<i>Dog bites</i>	43	0		0		43	1.8	3.7
<i>Other bites & stings</i>	80	0		0		80	3.4	7.0
<i>All other (e.g. extreme cold)</i>	20	0		0		20	0.9	1.7
Overexertion	19					19	0.8	1.7
Poisoning	161	54	<7	<7	0	220	9.4	19.1
Struck by, against	191	0	14	0	2	207	8.8	18.0
Suffocation/hanging	66	<7	0	0	0	67	2.9	5.8
Transport Injuries:	266	0	0	0	0	266	11.3	23.1
<i>Motor vehicle traffic-related</i>	145	0	0	0	0	145	6.2	12.6
<i>Occupant</i>	55					55	2.3	4.8
<i>Motorcyclist</i>	<7					<7	0.2	0.3
<i>Pedal cyclist</i>	16					16	0.7	1.4
<i>Pedestrian</i>	69					69	2.9	6.0
<i>Other person</i>	<7					<7	0.0	0.1
<i>Unspecified person</i>	0					0	0.0	0.0
<i>Pedal cyclist, other</i>	83					83	3.5	7.2
<i>Pedestrian, other</i>	8					8	0.3	0.7
<i>Other transport</i>	30	0	0	0	0	30	1.3	2.6
Other specified & classifiable	152	<7	35	0	0	188	8.0	16.4
Other specified, not classifiable	57	7	10	<7	0	75	3.2	6.5
Unspecified	91	<7	15	12	0	120	5.1	10.4
Adverse Effects						65	2.8	5.7
No cause or intent provided						61	2.6	5.3
TOTALS	2,044	73	81	21	<7	2,347	100.0	204.2
Injury Hospitalization Rate by Intent	177.8	6.4	7.0	1.8	--	n/a	n/a	n/a

Source: MA Hospital Discharge Database, Center for Health Information and Analysis (CHIA).

—All CHIA data sets are based on a fiscal year. The numbers provided here are based on fiscal year: October 1, 2010 - September 30, 2011 and will be different than numbers generated through the Department's query based system MassCHIP.

—Rates are per 100,000 residents. Rates are not calculated on counts of less than seven and those based on counts less than twenty may be unstable.

—Categories and groupings are based on the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data" based on ICD-9 codes. This framework does not provide for intentionality for certain cause categories as indicated by gray shading. Injury subcategories are italicized and counts are excluded from the overall totals.

—Population data used to calculate rates are based on 2011 population estimates by the US Census Bureau.

Data prepared by the Injury Surveillance Program, Bureau of Health Information, Statistics, Research and Evaluation, Massachusetts Department of Public Health, August 2013